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**MOUSE ANTI-OLIGODENDROCYTE MARKER O4
MONOCLONAL ANTIBODY**

- CATALOG NUMBER:** MAB345
- LOT NUMBER:** 19060230
- QUANTITY:** 50 µg
- SPECIFICITY:** Oligodendrocyte marker O4.
- IMMUNOGEN:** Homogenate of white matter of corpus callosum from bovine brain.
- ISOTYPE:** IgM
- APPLICATIONS:** Immunohistochemistry: 10-20 µg/mL on unfixed, shock frozen tissue.
Immunocytochemistry: 10-20 µg/mL on cells fixed with 4% paraformaldehyde.
Note: O4 is a sulfatide which can be dissolved out of the membrane by organic solvents; acetone and methanol should not be used for fixation.
Optimal working dilutions must be determined by the end user.
- SPECIES REACTIVITIES:** Human, mouse and chicken.
- FORMAT:** Purified immunoglobulin
- PRESENTATION:** Lyophilized from 10 mmol/l potassium phosphate, 50 mmol/l NaCl, 5 mg/mL BSA and 0.1% Kathon CG, pH 7.5. Reconstitute with 1 mL of sterile redistilled water (50 µg/mL).
- STORAGE/HANDLING:** Maintain lyophilized material at +2-8° C for up to 12 months. After reconstitution maintain frozen at -20° C in undiluted aliquots for up to 6 months. Avoid repeated freeze/thaw cycles.
- REFERENCES:** 1) *Dev. Biol.* 83:311-327 (1981).
2) *Dev. Biol.* 83:328-338 (1981).
3) *Science* 5:430-431 (1987).

For research use only; not for use as a diagnostic.